

EAST Search History

| Ref # | Hits | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|---|-----------------|------------------|---------|------------------|
| L1 | 48 | ((packet or cross-connect) near3 scheduler) and ((1:1) or (1+1)) | US-PGPUB; USPAT | SAME | ON | 2009/02/17 17:38 |
| L2 | 1 | ((packet or cross-connect) near3 scheduler) same ((1:1) or (1+1)) | US-PGPUB; USPAT | SAME | ON | 2009/02/17 17:38 |
| L3 | 20 | ((packet or cross-connect) near3 scheduler) and ((1:1) or (1+1)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/17 17:39 |
| L4 | 271 | ((1+1) near3 (protection or redundan\$5 or mirror\$3)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:16 |
| L5 | 0 | ((1+1) near3 (protection or redundan\$5 or mirror\$3)) and (packet near3 (processor or scheduler)) and (corss-connect) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:19 |
| L6 | 16 | ((1+1) near3 (protection or redundan\$5 or mirror\$3)) and (packet near3 (processor or scheduler)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:19 |
| L7 | 0 | ((((1+1) near3 (protection or redundan\$5 or mirror\$3)) same (packet near3 (processor or scheduler))) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:19 |
| L8 | 978 | ((((1+1) or mirror\$3) near3 (protection or redundancy)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:40 |
| L9 | 74 | ((((1+1) or mirror\$3) near3 (protection or redundancy)) and (packet near3 (schedul \$6 or processor)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:42 |
| L10 | 3 | ((((1+1) or mirror\$3) near3 (protection or redundancy)) same (packet near3 (schedul \$6 or processor)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:42 |
| L11 | 180 | (redundant near3 schedu \$10) | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:46 |

| | | | | | | |
|-----|------|---|--------------------|------|----|---------------------|
| L12 | 75 | (redundan\$10 near3 schedu \$10) and @rlad< "20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:47 |
| L13 | 10 | (redundan\$10 near3 schedu \$10) and @rlad< "20031224" and ("370"/\$.ccls. or "709"/\$. ccls) | US-PGPUB; USPAT | SAME | ON | 2009/02/17 18:47 |
| S4 | 8502 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat \$4 or decapsulat\$ or de- capsulat\$3) and (schedul\$6) and @rlad< "20031224" | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:11 |
| S5 | 1103 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat \$4 or decapsulat\$ or de- capsulat\$3) and ((schedul \$6) near2 (unit or module or function or service or packet)) and @rlad< "20031224" | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:14 |
| S6 | 298 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat \$4 or decapsulat\$ or de- capsulat\$3) and ((schedul \$6) near2 (unit or module or function or service or packet)) and ((redundan\$6 or failover or fail-over or switchover or switch-over or one-for-one or one-to-one or 1:1) with (protection or system or function)) and @rlad< "20031224" | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:17 |
| S7 | 172 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat \$4 or decapsulat\$ or de- capsulat\$3) and ((schedul \$6) near2 (unit or module or function or service or packet)) and ((redundan\$6 or failover or fail-over or switchover or switch-over or one-for-one or one-to-one or 1:1) with (protection or system or function)) and @rlad< "20031224" and ("370"/\$.ccls. or "709"/\$. ccls.) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:18 |

| | | | | | | |
|-----|-----|---|-----------------|------|----|------------------|
| S8 | 60 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat\$4 or decapsulat\$ or de-capsulat\$3) and ((schedul\$6) near2 (unit or module or function or service or packet)) and ((redundan\$6 or failover or fail-over or switchover or switch-over or one-for-one or one-to-one or 1:1) with (protection or system or function)) and @rlad<"20031224" and ("370"/\$.ccls. or "709"/\$.ccls.) and ((cross near2 connect) or SDH or SONET or (virtual adj2 container)) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:20 |
| S9 | 12 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat\$4 or decapsulat\$ or de-capsulat\$3) and ((schedul\$6) near2 (unit or module or function or service or packet)) and ((redundan\$6 or failover or fail-over or switchover or switch-over or one-for-one or one-to-one or 1:1) with (protection or system or function)) and @rlad<"20031224" and ("370"/\$.ccls. or "709"/\$.ccls.) and ((cross near2 connect) or SDH or SONET or (virtual adj2 container)) and (service near3 schedul\$6) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:21 |
| S10 | 48 | S8 not S9 | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:26 |
| S11 | 0 | (schedul\$6 same (cross enar3 connect)) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:33 |
| S12 | 159 | (schedul\$6 same (cross near3 connect)) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:33 |
| S13 | 73 | (schedul\$6 with (cross near3 connect)) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:33 |
| S14 | 0 | (schedul\$6 with (cross near3 connect)) and (virtual near2 container) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:34 |
| S15 | 225 | (schedul\$6) and (virtual adj2 container) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:35 |

| | | | | | | |
|-----|-----|--|-----------------|------|----|------------------|
| S16 | 157 | (schedul\$6) and (virtual adj2 container) and (mapping or demapping) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:35 |
| S17 | 110 | (schedul\$6) and (virtual adj2 container) and (mapping or demapping) and (encapsulat\$3 or decapsulat\$3 or decapsulat\$3) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:36 |
| S18 | 72 | (schedul\$6) and (virtual adj2 container) and (mapping or demapping) and (encapsulat\$3 or decapsulat\$3 or decapsulat\$3) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:36 |
| S19 | 9 | (schedul\$6) and (virtual adj2 container) and (mapping or demapping) and (encapsulat\$3 or decapsulat\$3 or decapsulat\$3) and @rlad<"20031224" and (SDH or SONET) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 15:37 |
| S22 | 472 | ((cross near2 connect) near2 module) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 16:08 |
| S23 | 4 | ((cross near2 connect) near2 module) and ((mapping or de-mapping or demapping) near2 module) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 16:09 |
| S24 | 4 | ((cross near2 connect) or cross-connect) near2 module) and ((mapping or de-mapping or demapping) near2 module) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 16:10 |
| S25 | 11 | ((cross near2 connect\$3) or cross-connect\$3) near2 module) and ((mapping or de-mapping or demapping) near2 module) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 16:11 |
| S26 | 5 | ((cross near2 connect\$3) or cross-connect\$3) and ((mapping or de-mapping or demapping))and (encapsulat\$3) and (decapsulat\$ or decapsulat\$3) and (packet near3 schedul\$4) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 16:19 |

| | | | | | | |
|-----|-----|--|-----------------|------|----|------------------|
| S29 | 9 | ((cross near2 connect\$3) or cross-connect\$3)) and ((mapping or de-mapping or demapping))and (((encapsulat\$3) and (decapsulat\$ or de-capsulat\$3)) or ((framer or framing) and (deframe or de-framer or deframing))) and (packet near3 schedul\$4) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 16:43 |
| S32 | 20 | ((cross near2 connect\$3) or cross-connect\$3)) and ((mapping or de-mapping or demapping))and (((encapsulat\$3) and (decapsulat\$ or de-capsulat\$3)) or ((framer or framing) and (deframe or de-framer or deframing))) and ((packet near3 schedul\$4) or (schedul\$4)) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 16:52 |
| S33 | 11 | S32 not S29 | US-PGPUB; USPAT | SAME | ON | 2009/01/31 16:52 |
| S34 | 30 | ((cross near2 connect) or cross-connect) near2 (unit or module or block or section)) and ((mapping or de-mapping or demapping) near2 (module or unit or block or section)) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 17:06 |
| S35 | 10 | ((cross near2 connect) or cross-connect) near3 (unit or module or block or section or function or component)) and ((mapping or de-mapping or demapping or framing or framer) near3 (module or unit or block or section or function or component)) and ((encapsulat\$3 or decapsulat\$3 or de-capsulat\$3) near3 (unit or module or function or block or section or component)) | US-PGPUB; USPAT | SAME | ON | 2009/01/31 17:14 |
| S39 | 1 | (GFP adj2 ID) and (Generic adj2 framing adj2 Procedure) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 09:41 |
| S40 | 241 | (Generic adj2 framing adj2 Procedure) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 09:42 |

| | | | | | | |
|-----|------|---|-----------------|------|----|------------------|
| S41 | 151 | (Generic adj2 framing adj2 Procedure) and (mapping or demapping or de-mapping) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 09:43 |
| S42 | 108 | (Generic adj2 framing adj2 Procedure) and (mapping or demapping or de-mapping) and (encapsulat\$3 or decapsulat\$3 or de-capsulat\$3) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 09:43 |
| S43 | 23 | (Generic adj2 framing adj2 Procedure) and (mapping or demapping or de-mapping) and (encapsulat\$3 or decapsulat\$3 or de-capsulat\$3) and (schedul\$3) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 09:44 |
| S44 | 1130 | ((Generic adj2 framing adj2 Procedure) or GFP) and (mapping or demapping or de-mapping) and (encapsulat\$3 or decapsulat\$3 or de-capsulat\$3) and (schedul\$3) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 09:50 |
| S45 | 108 | (Generic adj2 framing adj2 Procedure) and (mapping or demapping or de-mapping) and (encapsulat\$3 or decapsulat\$3 or de-capsulat\$3) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 10:05 |
| S46 | 16 | (Generic adj2 framing adj2 Procedure) and (mapping or demapping or de-mapping) and (encapsulat\$3 or decapsulat\$3 or de-capsulat\$3) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/01 10:06 |
| S47 | 333 | (scheduler near3 (redundan\$10 or tandem or primary or secondary)) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:14 |
| S48 | 219 | (scheduler near2 (redundan\$10 or tandem or primary or secondary)) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:14 |
| S49 | 1868 | ((redundan\$10 or tandem or primary or secondary) adj5 (schedul\$5)) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:15 |
| S50 | 285 | ((redundan\$10 or tandem) adj5 (schedul\$5)) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:15 |
| S51 | 180 | ((redundan\$10 or tandem) adj3 (schedul\$5)) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:16 |
| S52 | 21 | ((redundant or tandem) adj3 (scheduler)) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:16 |

| | | | | | | |
|-----|-----|---|------------------------------|------|----|---------------------|
| S53 | 6 | ("20010007562" "20020039364" "5465348" "6185188" "6438134" "6813274").PN. | US-PGPUB; USPAT; USOCR | SAME | ON | 2009/02/01 18:33 |
| S54 | 51 | (concurrent adj3 (scheduler)) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:47 |
| S55 | 51 | (concurrent adj3 (scheduler or (scheduling\$3 adj2 (controller or unit or module)))) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:49 |
| S56 | 21 | (concurrent adj2 (scheduler or (scheduling\$3 adj2 (controller or unit or module)))) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:49 |
| S57 | 362 | (multiple adj2 (scheduler or (scheduling\$3 adj2 (controller or unit or module)))) | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:53 |
| S58 | 89 | (multiple adj2 scheduler) and @rld<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/01 18:55 |
| S59 | 396 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat\$4 or decapsulat\$ or de-capsulat\$3) and ((cross adj2 connect) or (corss-connect)) and @rld<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 11:22 |
| S60 | 11 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat\$4 or decapsulat\$ or de-capsulat\$3) and ((cross adj2 connect) or (corss-connect)) and @rld<"20031224" and ((generic adj2 framing adj2 procedure) or (GFP adj2 fram\$3)) | US-PGPUB; USPAT | SAME | ON | 2009/02/02 11:25 |
| S61 | 11 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat\$4 or decapsulat\$ or de-capsulat\$3) and ((cross adj2 connect) or (cross-connect)) and @rld<"20031224" and ((generic adj2 framing adj2 procedure) or (GFP adj2 fram\$3)) | US-PGPUB; USPAT | SAME | ON | 2009/02/02 11:26 |
| S62 | 58 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat\$4 or decapsulat\$ or de-capsulat\$3) and ((cross adj2 connect) or (corss-connect)) and (scheduler) and @rld<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 11:37 |

| | | | | | | |
|-----|-----|--|-----------------|------|----|------------------|
| S63 | 396 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat\$4 or decapsulat\$ or de-capsulat\$3) and ((cross adj2 connect) or (corss-connect)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 11:48 |
| S64 | 14 | (map\$6 or de-map\$6 or demap\$6) and (encapsulat\$4 or decapsulat\$ or de-capsulat\$3) and ((cross adj2 connect) or (corss-connect)) and @rlad<"20031224" and (virtual adj2 (concatenation or container)) | US-PGPUB; USPAT | SAME | ON | 2009/02/02 11:51 |
| S65 | 6 | ((integrated adj2 cross-connect) near3 (switch or device or apparatus)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 12:07 |
| S69 | 2 | S68 and (map\$6 or de-map\$6 or demap\$6) and (encapsulat\$4 or decapsulat\$ or de-capsulat\$3) | US-PGPUB; USPAT | SAME | ON | 2009/02/02 12:20 |
| S70 | 0 | (cross-connect adj2 (switch or apparatus)) and (swithc\$3 adj3 (controller or (control\$4 adj2(module or unit)))) | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:18 |
| S71 | 7 | (cross-connect adj2 (switch or apparatus)) and (controller) and (scheduler) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:21 |
| S72 | 0 | (cross-connect adj2 (switch or apparatus)) and (mapping or mapper) and (demapping or demapper) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:25 |
| S73 | 0 | ((cross-connect or cross adj2 connect) adj2 (switch or apparatus)) and (mapping or mapper) and (demapping or demapper) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:26 |
| S74 | 0 | ((cross-connect or (cross adj2 connect)) adj2 swotcj) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:27 |
| S75 | 828 | ((cross-connect or (cross adj2 connect)) adj2 switch) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:27 |

| | | | | | | |
|-----|-----|---|-----------------|------|----|------------------|
| S76 | 141 | ((cross-connect or (cross adj2 connect)) adj2 switch) and (mapping or demapping) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:27 |
| S77 | 6 | ((cross-connect or (cross adj2 connect)) adj2 switch) and (mapping or demapping) and (scheduler) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:28 |
| S78 | 12 | ((cross-connect or (cross adj2 connect)) adj2 (device or switch)) and (mapping or demapping) and (scheduler) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:29 |
| S79 | 17 | (mapping and demapping) and (scheduler) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:31 |
| S80 | 1 | (mapping and demapping) and (encapsulat\$3 and decapsulat\$3) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:32 |
| S81 | 21 | (mapping and demapping) and (virtual near3 (container or concatenat\$3)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:39 |
| S82 | 4 | (mapping and demapping) and (VC3 or VC4 or VC12 or TU3 or TU2) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:42 |
| S83 | 14 | (mapping and demapping) and (VC3 or VC-3 or VC-4 or VC4 or VC-12 or VC12 or TU3 or Tu-3 or TU-2 or TU2) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 17:45 |
| S84 | 268 | (virtual adj2 container) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 18:09 |
| S85 | 42 | (receiv\$10 with (virtual adj2 container)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 18:10 |
| S86 | 27 | (receiv\$10 near5 (virtual adj2 container)) and @rlad<"20031224" | US-PGPUB; USPAT | SAME | ON | 2009/02/02 18:10 |
| S96 | 160 | ((add-drop adj2 multiplexer) or ADM) and (scheduler) | US-PGPUB; USPAT | SAME | ON | 2009/02/03 07:59 |
| S97 | 14 | ((add-drop adj2 multiplexer) or ADM) same (scheduler) | US-PGPUB; USPAT | SAME | ON | 2009/02/03 08:00 |
| S98 | 8 | integrated adj2 cross adj2 switching | US-PGPUB; USPAT | SAME | ON | 2009/02/16 17:06 |

| | | | | | | |
|------|-----|--|--------------------|------|----|---------------------|
| S99 | 10 | integrated adj3 cross adj3 switching | US-PGPUB; USPAT | SAME | ON | 2009/02/16 17:07 |
| S100 | 181 | (integrated adj3 (cross-connect or (data adj2 switching))) | US-PGPUB; USPAT | SAME | ON | 2009/02/16 17:19 |
| S101 | 109 | (integrated adj2 (cross-connect or (data adj2 switching))) | US-PGPUB; USPAT | SAME | ON | 2009/02/16 17:19 |
| S102 | 0 | (integrated adj2 (cross-connect adj3 (data adj2 switching))) | US-PGPUB; USPAT | SAME | ON | 2009/02/16 17:19 |
| S103 | 15 | (integrated adj2 (cross-connect) adj3 (switch)) | US-PGPUB; USPAT | SAME | ON | 2009/02/16 17:20 |
| S112 | 9 | (integrated adj2 (cross-connect) near3 switching) | US-PGPUB; USPAT | SAME | ON | 2009/02/16 17:44 |
| S113 | 20 | (cross-connect) near3 schedul\$3 | US-PGPUB; USPAT | SAME | ON | 2009/02/16 17:50 |
| S117 | 2 | (packet near3 scheduler) and (mapp\$3) and (demapp\$3) and (encapsula\$10) and (decapsulat\$10) | US-PGPUB; USPAT | SAME | ON | 2009/02/16 18:08 |
| S119 | 2 | ((packet or cross-connect) near3 scheduler) and (mapp\$3) and (demapp\$3) and (encapsula\$10) and (decapsulat\$10) | US-PGPUB; USPAT | SAME | ON | 2009/02/16 18:22 |

2/17/2009 7:34:00 PM

C:\EAST\Workspaces\10,584,513 service scheduling unit.wsp